

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
31 March 2005 (31.03.2005)

PCT

(10) International Publication Number
WO 2005/027897 A1

(51) International Patent Classification⁷: **A61K 31/195** (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/US2004/030056

(22) International Filing Date: 15 September 2004 (15.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/502,993 15 September 2003 (15.09.2003) US

(71) Applicant (for all designated States except US): MED FIVE, INC. [US/US]; P.O. Box 15774, Honolulu, HI 96830 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): COWDEN, Ralph, A., III [US/US]; 4075 Black Point Road, Honolulu, HI 96816 (US). KEITH, Alec [US/US]; 269 Kuikahi Street, Hilo, HI 96720 (US). ROBERTS, James, C., Jr. [US/US]; 4607 W. Sylvania Avenue, Toledo, Ohio 43823 (US). CRISP, William, E. [US/US]; 6051 E. Cactus Wren Road, Paradise Valley, AZ 85352 (US). LAU, Janey, A. [US/US]; 46-024 Heeia Street, Kaneohe, HI 96744 (US).

(74) Agents: JOHNSON, Barbara, E. et al.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PN 15219-1818 (US).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/027897 A1

(54) Title: NUTRITIONAL SUPPLEMENT AND PROTOCOL

(57) Abstract: Particular nutritional supplements and protocols emphasize the use of ethylenediamine tetraacetic acid as a mouth rinse, and as an enteric-coated oral pharmaceutical, further supplemented on a daily basis with both a combination of phosphatidyl lipids and alpha lipoic acid and a nutritional supplement containing approximately equal amounts of Reishi and Shiitake mushrooms.